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Sheet 1 of 2

Complete if Known				
Application Number	10/722,304			
Filing Date	November 25, 2003			
First Named Inventor	French et al.			
Group Art Unit	Unknown			
Examiner Name	Unknown			
Attorney Docket Number	CL2242 US NA			

U.S. PATENT DOCUMENTS						
Examiner Cite Initials * No.*	U.S. Patent Document Kind Code ² Number		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevan Passages or Relevant Figures Appear	
10	 	(if known)		the series of Court Courties		
SP		6,430,511	B1	University of South Carolina	08/06/2002	
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FOREIGN PATENT DOCUMENTS								
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	Office ³		ind Code ⁵ if known)	or Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	T ₆	
SP		EP	0521360	B1	Polariod Corp.	01/07/1993		
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Sheet of 2

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OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 2	
AD		S. J. Tour, Molecular Electronics. Synthesis and Testing of Components, Acc. Chem. Res., Vol. 33, pp 791, 2000		
		J. Chen et al., Large On-Off Ratios and Negative Differential Resistance in a Molecular Electronic Device, Science, Vol. 286, pg. 1550, 1999		
		Wong et al., Fabrication and Transport Properties of Single-Molecule-Thick Electrochemical Junctions, JACS, 2000, Vol. 122, pp. 5821-5840		
		Collier et al., Electronically Configurable Molecular-Based Logic Gates, Science, Vol. 285, July 16, 1999		
		Whiteford et al., Molecular Architecture via Coordination, J. Am. Chem. Soc., Vol. 119, pp. 2524-2533, 1997		
Î		Ciana et al., Synthesis of 1,4-Bis(4-Pyridyl)butadiyne, J. Heterocycl. Chem. 1984, pp. 607-608		
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Examiner Signature	Darch Parlingen	Date Considered	0/13	106
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